



# FortiAP 5.6.3 Release Notes

VERSION 5.6.3

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# TABLE OF CONTENTS

<b>Change Log</b>	<b>4</b>
<b>Introduction</b>	<b>5</b>
Supported models	5
What's new in FortiAP 5.6.3	5
<b>Upgrade Information</b>	<b>6</b>
Upgrading from FortiAP version 5.6.2	6
Downgrading to previous firmware versions	6
Firmware image checksums	6
Supported Upgrade Paths	6
<b>Product Integration and Support</b>	<b>7</b>
FortiAP 5.6.3 support	7
<b>Resolved Issues</b>	<b>8</b>
<b>Known Issues</b>	<b>9</b>

## Change Log

Date	Change Description
April 6, 2018	Update to <a href="#">Product Integration and Support</a> section re: FortiOS.
February 14, 2018	Initial release.

# Introduction

This document provides the following information for FortiAP version 5.6.3:

- [Supported models](#)
- [What's new in FortiAP 5.6.3](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

For more information on upgrading your FortiAP device, see the *FortiWiFi and FortiAP Configuration Guide* in the [Fortinet Document Library](#).

## Supported models

FortiAP version 5.6.3 supports the following models:

### Model support

Model	Build
FAP-14C, FAP-21D, FAP-24D, FAP-25D, FAP-112D, FAP-221C, FAP-222C, FAP-223C, FAP-224D, FAP-320C, FAP-321C	0493

## What's new in FortiAP 5.6.3

The following is a list of new features and enhancements in FortiAP version 5.6.3:

- New shipments of FAP-221C, FAP-222C, FAP-223C, and FAP-321C will have the flash module replaced with a new one. Only can FortiAP firmware version 5.6.3 or newer support them.
- Support for Local LAN isolation on NAT-mode local-standalone SSID.
  - Local LAN is defined as any destinations in private IP address spaces: 10.0.0.0/8, 172.16.0.0/12, and 192.168.0.0/16.
  - On FortiGate running FortiOS 6.0.0 Beta 3, there is a new CLI setting `local-lan` under VAP configuration, which is settable after `local-standalone-nat` is enabled.
  - When `local-lan` is set to `allow` (by default), FortiAP allows clients on the SSID to access the Local LAN and the Internet, the same way as before.
  - When `local-lan` is set to `deny`, FortiAP prevents clients on the SSID from accessing the Local LAN but still allows them to connect to the Internet. In addition, Intra-SSID Privacy is enforced in this case, that is, clients on the SSID cannot communicate with each other.
- Enhancements on local-bridging captive-portal SSID using CMCC authentication:
  - WiFi client roaming
  - MAC Bypass

# Upgrade Information

## Upgrading from FortiAP version 5.6.2

FortiAP 5.6.3 supports upgrading from 5.6.2.

## Downgrading to previous firmware versions

FortiAP 5.6.3 supports downgrading to 5.6.2, except for FAP-221C, FAP-222C, FAP-223C, and FAP-321C units with the new flash installed.

**Note:** FAP-221C, FAP-222C, FAP-223C, and FAP-321C units with the new flash installed **MUST NOT** be downgraded to any previous firmware versions. To distinguish them:

1. Find the PN (Part Number) at the bottom or side of the FAP unit
2. Implement `fap-get-status` command on FAP CLI and check `BIOS version` output

The table below gives the detailed information:

FAP with new flash	PN	BIOS version
FAP-221C	P15285-02	04000004
FAP-223C	P17246-02	04000002
FAP-321C	P16362-02	04000004
FAP-222C	P15289-02	04000003

## Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

## Supported Upgrade Paths

To view all previous FortiAP versions, build numbers, and their supported upgrade pathways, see the following Fortinet Cookbook link:

<http://cookbook.fortinet.com/supported-upgrade-paths-fortiap/>

# Product Integration and Support

## FortiAP 5.6.3 support

The following table lists FortiAP version 5.6.3 product integration and support information.

### FortiAP 5.6.3 support

Web Browsers	<ul style="list-style-type: none"><li>• Microsoft Internet Explorer version 11</li><li>• Mozilla Firefox version 41</li><li>• Google Chrome version 47</li><li>• Safari 8</li></ul> <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
FortiOS	5.2.0 and later
FortiExplorer Lite (iOS)	2.1.0 (models FAP-21D, 24D, 112D, and 320C only)

## Resolved Issues

The following issues have been fixed in version 5.6.3. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
<b>466135</b>	Fixed an issue where mesh leaf FAP would not work on 802.11n band.



# Known Issues

The following issues have been identified in version 5.6.3. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
<b>473595</b>	FAP-11C is no longer supported due to its limited flash size.
<b>300081</b>	FortiAPs may encounter high CPU usage intermittently after a FortiGate wireless controller pushes a local-authentication virtual AP (VAP) configuration to them.
<b>245323</b>	Spectrum analysis may result in high CPU usage on some FortiAP models including FAP-221C.
<b>236312</b>	Split-tunneling SSIDs do not support VLANs.



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